

# BOSS® 319 Self-Leveling Silicone Sealant

### TYPICAL PROPERTIES

#### Uncured

Specific Gravity – Colors .....	1.16
Clear .....	1.02
Sag/Slump .....	Nil
Tack Free Time .....	5 min.
Cure Time	
75°F (24°C) and 50% RH, 3/8" thickness .....	24 hours
Extrusion Rate .....	275 gr/min.

#### Cured – Physical

Elongation .....	1100%
Durometer, Shore A .....	16
Tensile Strength .....	185 psi

\*Information on this data sheet is subject to change without notice and should not be used for writing specifications.  
For additional information on specific applications, contact Accumetric, LLC



### DESCRIPTION

**BOSS® 319** Fast Cure Neutral Silicone Sealant is a one component, moisture curing silicone adhesive/sealant formulated to exhibit faster cure times and increased adhesion to a wider variety of materials.

**BOSS® 319** is non-corrosive and cures to a tough, permanently flexible silicone rubber. It is specifically formulated for a wide variety of industrial applications.

### FEATURES

- Low modulus
- Fast curing
- Excellent adhesion to a wide variety of substrates including vinyl, stainless steel, aluminum, glass and plastic.

### HOW TO USE

#### Applying the Material: Tack Free Time

**BOSS® 319** Fast Cure Neutral Silicone Sealant is supplied ready to use. Under pressure it flows readily from its container. The paste-like consistency makes it easy to work; a spatula or wooden paddle can be used for tooling the surface. The cure progresses inward from the surface. At conditions of at least 75°F (24°C) and 50 percent relative humidity, the sealant forms a tack-free skin in 5-10 minutes. Tooling is not practical after this skin begins forming. Tooling should be completed within 5 minutes of application, even though this may require alternate periods of applying and tooling. Likewise, if masking tape has been used to mark off an area, it should be removed before the tack-free skin forms.

## SPECIFICATIONS

**BOSS® 319** Fast Cure Neutral Silicone Sealant fully meets the requirements of TT-S-00230C, TT-S-001543A, ASTM C920-86 and MIL-A-46146A.

## COLORS

**BOSS® 319** Fast Cure Neutral Silicone Sealant is available in clear and white.

## PACKAGING

**BOSS® 319** Fast Cure Neutral Silicone Sealant is available in 10.1 fl. oz. cartridges, 5 gallon pails and 55 gallon drums. Other sizes available upon request.

## SHIPPING LIMITATIONS

None

## STORAGE AND SHELF LIFE

When stored in original unopened containers at or below 80°F (27°C), **BOSS® 319** Fast Cure Neutral Silicone Sealant has a shelf life of 12 months from date of shipment. Containers should always be kept sealed when not in use. After a container has been opened and the entire contents have not been used, extrude 3/8" of material past nozzle opening. When ready to use pull out cured plug. Sealant is ready to use.

## CAUTION

DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE, AND THROAT. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands. IN CASE OF EYE CONTACT, flush eyes with water for 15 minutes. Obtain medical attention. IN CASE OF SKIN CONTACT, remove from skin and flush with water. KEEP OUT OF THE REACH OF CHILDREN.

## USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

The supplier warrants only that its products will meet its specifications. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. The user's exclusive remedy and the supplier's sole liability is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted. The supplier will not be liable for incidental or consequential damages of any kind.

Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

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